

### Abstract of the Disclosure

5 An irrigation canal includes a plastic liner mechanically  
connected to the canal by fasteners extending through tabs located  
between the liner and the canal so the fasteners do not extend  
through the membrane providing leak protection. Adjacent the side  
walls of the canal, the tabs have a free end above the fixed end so  
that the tab is easily accessible during installation. The plastic  
is reinforced with a fiber mesh and has a tear strength above 100  
pounds force. In the case of a concrete lined canal, a pilot hole  
10 is drilled in the concrete and a fastener is driven through the tab  
into the pilot hole. In the case of an earthen canal, anchors are  
embedded in the earth along the length of the canal and longitudi-  
nally extending members are connected between the anchors. The  
plastic liner is mechanically connected to the longitudinally  
15 extending members.